

XP-002096071

1/1 - (C) WPI / DERWENT  
AN - 88-358682 c50!  
AP - JP870105623 870427  
PR - JP870105623 870427  
TI - Compsn. for carpet-backing such as artificial lawn,  
etc. - consists of copolymer latex component based on  
monomer mixt. and ethylenic unsatd. emulsifier, and  
filler components  
IW - COMPOSITION CARPET BACKING ARTIFICIAL LAWN CONSIST  
COPOLYMER LATEX COMPONENT BASED MONOMER MIXTURE  
ETHYLENIC UNSATURATED EMULSION FILL COMPONENT  
PA - (JAPS ) JAPAN SYNTHETIC RUBBER CO LTD  
PN - JP63270872 A 881108 DW8850 009pp  
ORD - 1988-11-08  
IC - C08F2/24 ; C08F263/04 ; C09J3/12 ; D06M11/00 ;  
D06M13/00 ; D06M15/26  
FS - CPI  
DC - A12 A60 A82 E12 E16 F06 G02  
AB - J63270872 A compsn. contains 100 pts. wt. (A) copolymer  
latex component having gel content, 30-90 wt.% and  
average particle dia., 500-2000 Angstroms and 50-750  
pts. wt. (B) filler component.  
- Latex component (A) was produced by emulsion  
polymerisation of 100 pts. wt. monomer mixt. and 0.1-10  
pts. wt. ethylenic unsatd. emulsifier. The monomer  
mixt. consists of 20-70 pts. wt. aliphatic conjugated  
diene monomer, 0.5-8 pts. wt. ethylenic unsatd.  
carboxylic acid and 22-79.5 wt.% copolymerising  
monomer.  
- The emulsifier is pref. cpd. of formula (I) or  
 $\text{CH}_2=\text{C}(\text{R}_3)-\text{COO}(\text{AO})_n\text{SO}_3\text{X}$  (II). In (I),  $\text{R}_1 = 1-22\text{C alkyl}$ ;  
 $\text{X} = \text{Na}, \text{K} \text{ or } \text{NH}_4$ ;  $\text{R}_2 = \text{H} \text{ or } \text{CH}_3$ ; and  $m = \text{integer of}$   
0-5. In (II),  $\text{A} = 1-5\text{C alkylene}$ ;  $\text{R}_3 = \text{H} \text{ or } \text{CH}_3$ ;  $\text{X} = \text{Na},$   
 $\text{K} \text{ or } \text{NH}_4$ ; and  $n = 1-20$ .  
- USE/ADVANTAGE - The compsn. is useful for artificial  
lawn, etc. which requires water resistance. The  
compsn. has good release strength and good water  
resistant strength.(0/0)

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